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NPIC/R-109/65

May 1965

PHOTOGRAPHIC INTERPRETATION REPORT

# IPIR GOLDEN TREE MISSION 8015 7 MAY 1965



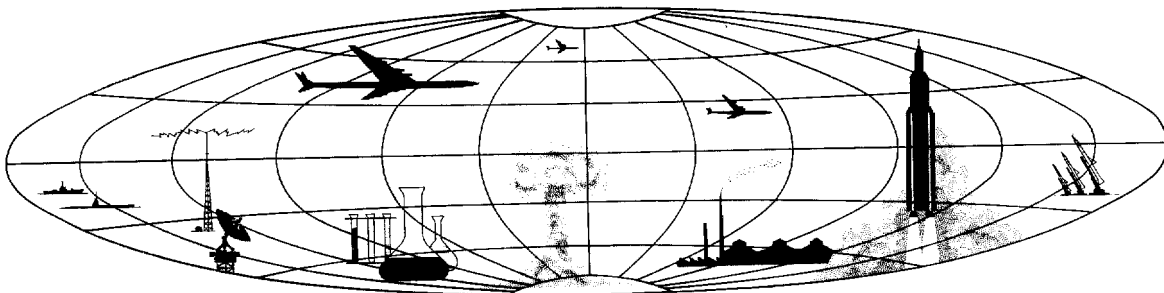
CIA



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Declassification Reveiw by NIMA/DoD

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GROUP 1  
Excluded from automatic  
downgrading and declassification



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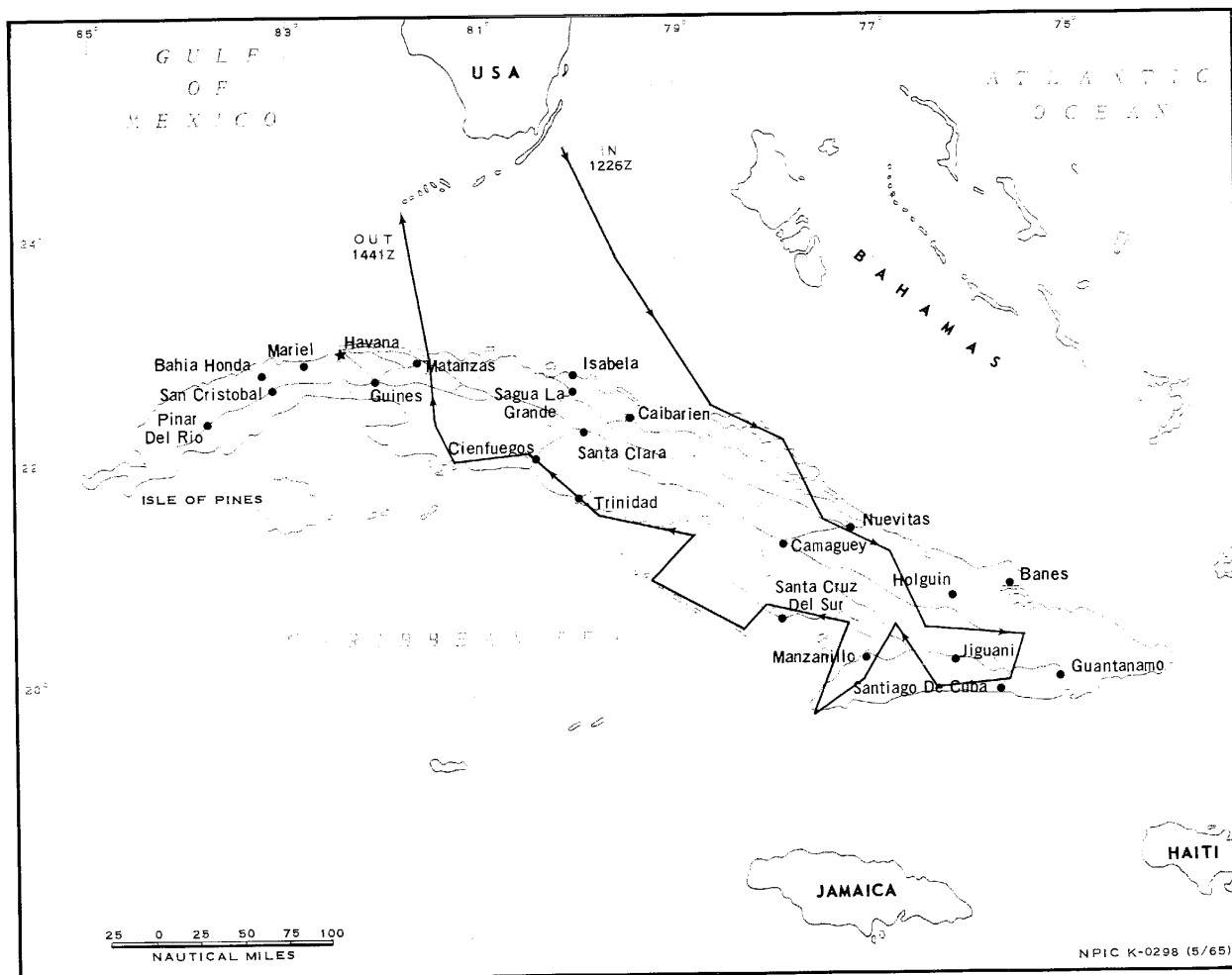
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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 8015, DATED 7 MAY 65. THE NUMBER APPEARING AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 8015, 7 MAY 1965.

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ITEM OF SPECIAL INTEREST

CONSIDERABLE DECREASE IN ACTIVITY WAS NOTED AT --  
ALTO CEDRO MILITARY CAMP, EL CRISTO MILITARY INSTALLATION, ANTON  
RECIO MILITARY INSTALLATION, DOS CAMINOS MILITARY CAMP AND OFELIA  
MILITARY CAMP.

NOTE -- AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES --  
LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY  
(100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED,  
THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS  
INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

MISSILES

25X1A

SANTIAGO DE CUBA SAM SITE

CU 1959N 07550W

SIX UNREVETTED LAUNCHERS (5 WITH MISSILES), 7 CANVAS-  
COVERED MISSILE TRANSPORTERS IN HOLD AREA, 12 PROBABLE  
TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 1 TRUCK-MOUNTED  
CRANE, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR  
AND SHED-COVERED EQUIPMENT OBSERVED. ONE ADDITIONAL  
LAUNCHER REMAINS IN SUPPORT AREA.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTIAGO DE CUBA SAM ASSEMBLY AREA

CU 2003N 07553W

TWENTY-ONE MISSILE TRANSPORTERS, 8 TRACTOR-TRAILER  
TRUCKS, 3 TRUCK TRACTORS, 4 TRUCK-MOUNTED CRANES, 33  
CARGO TRUCKS, 2 TANK TRUCKS, 6 VAN TRUCKS, 9 UTILITY  
TRUCKS, 14 UNIDENTIFIED VEHICLES OR PIECES OF  
EQUIPMENT, 1 VAN TRAILER, AND NUMEROUS PARTIALLY CANVAS-  
COVERED MISSILE CANISTERS OBSERVED. NO APPARENT CHANGE  
IN FACILITIES.  
AN OCCUPIED LIGHT 3-GUN AAA SITE IS LOCATED AT EACH OF  
THE FOLLOWING UTM COORDINATES--18QVT059179, 065171,  
065176, 075169, 078168, AND 080178. ONE PROBABLE  
OCCUPIED 3-GUN AAA SITE IS AT UTM 18QVT076171. (AMS  
SERIES E723, SHEET 5076-III, 3D ED).

25X1D

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25X1A

MALDONADO SAM SITE

CU 2012N 07528W

SIX REVETTED LAUNCHERS (5 WITH PROBABLE MISSILES), 8 MISSILE TRANSPORTERS (4 CANVAS-COVERED) IN HOLD REVETMENT, 11 TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 3 VAN TRUCKS, 3 OTHER VEHICLES, AND A GUIDANCE REVETMENT WITH RADAR AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMAGUEY AIRFIELD SAM SITE

CU 2122N 07750W

SIX UNREVETTED LAUNCHERS, AT LEAST 4 CANVAS-COVERED MISSILE TRANSPORTERS, AT LEAST 18 UNIDENTIFIED VEHICLES AND AN OCCUPIED GUIDANCE AREA OBSERVED. HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

SANTIAGO DE CUBA CRUISE MISSILE STORAGE

CU 2004N 07551W

NO COMOR

25X1D FOUR LARGE BUILDINGS, 7 STORAGE BUILDINGS, 3 OTHER BUILDINGS, [REDACTED], 2 TRACTOR-TRAILER TRUCKS, AND 2 CARGO TRUCKS OBSERVED.

25X1D

AIR FACILITIES

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

NO AIRCRAFT OBSERVED.

25X1D

LOS CANOS AIRFIELD

CU 2005N 07509W

NO APPARENT CHANGE IN FACILITIES. AIRCRAFT -- 1 C-47.

25X1D

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ANTONIO MACED AIRFIELD

CU 1958N 07550W

25X1A

AIRCRAFT -- 1 SMALL TWIN ENGINE, 4 LIAISON, AND 2  
HOUND.

25X1D

JAIME GONZALES AIRFIELD

CU 2209N 08024W

NO AIRCRAFT OBSERVED.

25X1D

BAYAMO AIRFIELD EAST

CU 2022N 07637W

25X1A

AIRCRAFT -- 2 COLT.

25X1D

BAYAMO AIRFIELD

CU 2023N 07637W

NO AIRCRAFT OBSERVED.

25X1D

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

25X1A

VESSELS -- 1 PCE, 4 P-6 MTB, 2 YP, AND 2 LARGE  
FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

VESSELS -- 2 LARGE AND 3 SMALL FREIGHTERS.

25X1D

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25X1A

MANZANILLO PORT

CU 2021N 07707W

NO LARGE VESSELS OBSERVED.

25X1D

NUEVITAS PORT

CU 2132N 07715W

VESSELS -- 1 LARGE FREIGHTER AND 1 LARGE TANKER  
OBSERVED IN CLOUD-FREE AREAS.

25X1D

CARDENAS PORT

CU 2302N 08111W

NO LARGE VESSELS OBSERVED.

25X1D

CASILDA PORT

CU 2145N 07959W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

MATANZAS PORT

CU 2302N 08134W

VESSELS -- 1 LARGE FREIGHTER OBSERVED IN CLOUD-FREE  
AREAS.

25X1D

KAWAMA MARINA PORT

CU 2307N 08117W

NO NAVAL VESSELS OBSERVED.

25X1D

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ELECTRONICS/COMMUNICATIONS

25X1A

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W

NO APPARENT CHANGE IN FACILITIES. SEVEN VAN TRUCKS, 2  
VAN TRAILERS AND 1 CARGO TRUCK OBSERVED.  
RADAR -- 1 TOKEN-TYPE, 1 ROCK CAKE/STONE CAKE, 1 FLAT  
FACE, AND 1 POSSIBLE KNIFE REST.

25X1D

LA SOCAPA LOW SIEVE RADAR SITE CU 1958N 07552W

ONE LOW SIEVE RADAR AND 4 SUPPORT BUILDINGS OBSERVED.

25X1D

MILITARY ACTIVITY

GUANTANAMO AREA CU 2018N 07525W

AREA 1 -- 100 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 2 -- 100 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 3 -- 0 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 4 -- 100 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 5 -- 100 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 6 -- 30 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 7 -- 100 PERCENT USABLE COVERAGE. A CLEARED AREA  
300 X 300 YARDS IS LOCATED AT UTM 18QVT298044. (AMS  
SERIES E723, SHEET 5075-I, 2D ED).  
AREA 8 -- 50 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.  
AREA 9 -- 30 PERCENT USABLE COVERAGE. NO NEW MILITARY  
ACTIVITY OBSERVED.

25X1D

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25X1A

OFELIA MILITARY CAMP

CU 2006N 07530W

NO APPARENT CHANGE IN PERMANENT FACILITIES.  
FIFTEEN LARGE NON-SOVIET TENTS, 5 MEDIUM NON-SOVIET  
TENTS, 46 CARGO TRUCKS, 3 VAN TRUCKS, 4 UTILITY TRUCKS,  
1 ROAD GRADER, 6 AAA PIECES AND 26 MORTARS OBSERVED.

25X1D

ALTO CEDRO MILITARY CAMP

CU 2029N 07600W

ALL AREAS -- NO APPARENT CHANGE IN FACILITIES.  
AREA 1 -- NO VEHICLES OR EQUIPMENT OBSERVED.  
AREA 2 -- 1 UNIDENTIFIED VEHICLE.  
AREA 3 -- NO VEHICLES OR EQUIPMENT OBSERVED.  
AREA 4 -- 1 CARGO TRUCK.  
AREA 5 -- NO VEHICLES OR EQUIPMENT OBSERVED.  
AREA 6 -- 2 CARGO TRUCKS.  
AREA 7 -- 12 CARGO TRUCKS.  
AREA 8 -- 21 CARGO TRUCKS, 6 VAN TRUCKS, AND 19 OTHER  
VEHICLES OR PIECES OF EQUIPMENT.  
AREA 9 -- 2 CARGO TRUCKS AND 2 UNIDENTIFIED PIECES OF  
EQUIPMENT.  
AREA 10 -- 12 CARGO TRUCKS AND 5 UNIDENTIFIED PIECES OF  
OF EQUIPMENT.  
AREA 11 -- NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

25X1A

EL CRISTO MILITARY INSTALLATION

CU 2008N 07547W

NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- NO VEHICLES OR MILITARY EQUIPMENT  
OBSERVED.  
AREA 1.6 NM NW -- 5 BARRACK-TYPE BUILDINGS, 1 POSSIBLE  
BARRACK-TYPE BUILDING, 8 SUPPORT BUILDINGS, 1 L-SHAPED  
VEHICLE SHED, 1 VEHICLE MAINTENANCE SHED, 10 LARGE  
NON-SOVIET TENTS, 1 OBSTACLE COURSE, 2 VAN TRUCKS, AND  
6 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT.

25X1D

JURAGUA MILITARY ACTIVITY

CU 2209N 08035W

AT LEAST 4 FA PIECES OBSERVED IN CLOUD-FREE AREAS.

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25X1D



25X1A

LIMONAR TANK TRAINING AREA

CU 2254N 08121W

NO APPARENT CHANGE IN FACILITIES.  
THREE CARGO TRUCKS AND 14 UNIDENTIFIED PIECES OF  
EQUIPMENT OBSERVED.

25X1D



ANTON RECIO MILITARY INSTALLATION

CU 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.  
TWO POSSIBLE TANKS, 3 PROBABLE ROAD GRADERS, AND 3  
PROBABLE BULLDOZERS OBSERVED. CONSTRUCTION CONTINUES  
ON NORTH AND EAST AREAS. THE 6-GUN MEDIUM AAA SITE  
REMAINS OCCUPIED.

25X1D



CEIBA MOCHA MILITARY AREA

CU 2257N 08142W

FOURTEEN POSSIBLE FA PIECES OBSERVED. OBLIQUITY LIMITS  
INTERPRETATION.

25X1D



MINAS MILITARY CAMP

CU 2127N 07734W

NO VEHICLES OR EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D



SANTA ISABEL FINCA MILITARY CAMP

CU 2005N 07528W

NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 23 CARGO TRUCKS, AND 7 MORTARS. THE 3-GUN  
AAA SITE IS NOT OCCUPIED.  
CAMP 1 NM NORTH -- NO VEHICLES OR EQUIPMENT.

25X1D



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25X1A

DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

FIVE POSSIBLE CARGO TRUCKS OBSERVED.

25X1D

SANTIAGO DE CUBA MILITARY CAMP NW

CU 2003N 07554W

FACILITIES INCLUDE 10 BARRACKS, 4 LARGE NON-SOVIET TENTS, AND 1 SMALL TENT. APPROXIMATELY 300 PERSONNEL IN FORMATION, 1 CARGO TRUCK, 1 ROAD GRADER, AND 5 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED. AN OCCUPIED 3-GUN AAA SITE IS LOCATED AT UTM 18QVT059179 (AMS SERIES E723, SHEET 5076-III, 3D ED).

25X1D

DOS PALMAS POL STORAGE AREA

CU 2006N 07601W

FOUR BARRACKS BUILDINGS, 4 SUPPORT BUILDINGS, 2 STORAGE BUILDINGS, 1 LARGE NON-SOVIET TENT, 2 SMALL TENTS, 13 REVETMENTS CONTAINING 12 STORAGE TANKS EACH, 1 REVETMENT WITH 24 TANKS, 2 REVETMENTS UNDER CONSTRUCTION AND NUMEROUS UNIDENTIFIED OBJECTS IN OPEN STORAGE NEAR A STORAGE BUILDING OBSERVED.

25X1D

LA MAYA PROBABLE POL STORAGE

CU 2013N 07538W

AT LEAST 7 REVETMENTS (3 ENCLOSING AT LEAST 4 HORIZONTAL STORAGE TANKS EACH) OBSERVED IN CLOUD-FREE AREAS. NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTIAGO MILITARY CAMP ANTONIO MACED

CU 1958N 07551W

NO COMOR

THREE SA-2 LAUNCHERS, 1 POSSIBLE SA-2 LAUNCHER, 9 VAN TRUCKS, 3 VAN TRAILERS, 17 CARGO TRUCKS, AND 9 OTHER VEHICLES OR PIECES OF EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES. (PREVIOUSLY REPORTED AS SANTIAGO MIL TNG AREA FERIA GANADERA).

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25X1D



OTHER ACTIVITY

CUABITAS POL STORAGE AREA

CU 2004N 07549W NO COMOR

STORAGE AREA IS 1.6 NM WNW OF CUABITAS AT UTM  
18QVT138193.

FACILITIES INCLUDE 3 LARGE PROBABLE STORAGE BUILDINGS,  
9 SUPPORT BUILDINGS, 1 FIELD KITCHEN TENT, 1 LARGE AND  
1 MEDIUM NON-SOVIET TENT, 1 SMALL TENT, 14 PARTIALLY  
EARTH-COVERED HORIZONTAL POL STORAGE TANKS, 12 OTHER  
STORAGE TANKS, AND NUMEROUS PIECES OF CONSTRUCTION  
EQUIPMENT OBSERVED. THREE TRACTOR-TRAILER TANK TRUCKS,  
6 CARGO TRUCKS, AND 4 OTHER VEHICLES OR PIECES OF  
EQUIPMENT OBSERVED.

A PROBABLY ASSOCIATED AREA 0.2 NM EAST INCLUDES 1  
BARRACK-TYPE BUILDING, 7 SUPPORT BUILDINGS, 1 TRACTOR-  
TRAILER TANK TRUCK AND 10 OTHER VEHICLES OR PIECES OF  
EQUIPMENT.

AN OCCUPIED 5-GUN LIGHT AAA SITE IS LOCATED 0.7 NM  
SOUTH AT UTM QVT142180. (AMS SERIES E723, SHEET 5076-  
III, 3D ED).

25X1D



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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

25X1A

LIMONAR EW/GCI RADAR SITE	2255N 08126W
CABO CRUZ LOW SIEVE RADAR SITE	1950N 07743W
LIMONAR MILITARY CAMP SE	2255N 08124W
CUABITAS MILITARY CAMP	2003N 07548W
SIBONEY LANDING BEACH	1957N 07542W
MATANZAS LANDING BEACH	2301N 08126W
VARADERO LANDING BEACH	2307N 08118W
MAR VERDE LANDING BEACH	1957N 07556W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
PRESTON SAM SITE	2044N 07538W
HOLGUIN AIRFIELD	2047N 07618W
CORONEL PASCUAL AIRFIELD	2307N 08117W
PUERTO PADRE PORT	2113N 07632W
CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
VARADERO LOW SIEVE RADAR SITE	2311N 08108W
RANCHO LUNA LOW SIEVE RADAR SITE	2202N 08025W
CAMAGUEY MILITARY CAMP	2126N 07753W
TRINIDAD POSS MIL HEADQUARTERS	2150N 07953W
GUANABANA MILITARY CAMP	2258N 08134W
PUERTO PADRE MILITARY AREA	2111N 07639W
SAN LORENZO MILITARY CAMP	2000N 07658W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

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